

A P P E N D I X I:

CLAIM AMENDMENTS:

Amend Claim 3 as indicated in the following listing of the claims:

1. (*original*) A polyamide which contains a monoolefinically unsaturated monocarboxylic acid of the formula $\text{CH}_2=\text{CH}-(\text{CH}_2)_3-\text{COOH}$ chemically bonded at the end of the polymer chain via an amide group.
2. (*original*) A polyamide as claimed in claim 1, where the content of the monoolefinically unsaturated monocarboxylic acid of the formula $\text{CH}_2=\text{CH}-(\text{CH}_2)_3-\text{COOH}$ is in the range from 0.001 to 2 mol%, based on 1 mole of amide groups of the polyamide.
3. (*currently amended*) A polyamide ~~obtainable~~ obtained by crosslinking a polyamide as claimed in claim 1.
4. (*original*) A process for preparing a polyamide, which comprises carrying out the reaction of monomers suitable for forming a polyamide to give a polyamide in the presence of a monoolefinically unsaturated monocarboxylic acid of the formula $\text{CH}_2=\text{CH}-(\text{CH}_2)_3-\text{COOH}$.
5. (*original*) A process for preparing a polyamide, which comprises carrying out the reaction of oligomers suitable for forming a polyamide to give a polyamide in the presence of a monoolefinically unsaturated monocarboxylic acid of the formula $\text{CH}_2=\text{CH}-(\text{CH}_2)_3-\text{COOH}$.
6. (*previously presented*) A fiber, a film, or a molding, comprising a polyamide as claimed in claim 1.